



TSM Verification Summary Report

Facility Information

Name of company	Vale
Name of facility	Manitoba Operations
Address	1 Vale Road Thompson, MB R8N 1P3
Country of operation	Canada
Products/metals produced on site	Nickel concentrate, Copper Pond material
Types of operations included in scope:	
Mining	<input checked="" type="checkbox"/>
Milling	<input checked="" type="checkbox"/>
Smelting	<input type="checkbox"/>
Hydrometallurgical	<input type="checkbox"/>
Refining	<input type="checkbox"/>
Other (<i>please explain</i>)	
Types of infrastructure included in scope:	
Roads	<input checked="" type="checkbox"/>
Rails	<input checked="" type="checkbox"/>
Ports	<input type="checkbox"/>
Other (<i>please explain</i>)	

Verifier and Verification Information

Verification firm	Rubinoff Environmental Inc.
Confirmation that all verifiers involved in the verification are accredited TSM verifiers	<p>Yes</p> <p><i>Dianne Rubinoff of Rubinoff Environmental Inc. is a Verification Service Providers (VSP) certified by the Mining Association of Canada and meets the Terms of Reference for Verification Service Providers established by the Mining Association of Canada.</i></p>
Date(s) of verification activities (dd/mm/yyyy – dd/mm/yyyy)	15/09/2025-18/09/2025
Verification period	Year prior to Verification end date
Summary of the verification methodology	<p>All Protocols were verified for this operation.</p> <p>The Verification was completed in accordance with MAC's requirements for completing TSM Verifications, the Towards Sustainable Mining Verification Guide.</p> <p>Rubinoff Environmental conducted the assessment using standard techniques based on those outlined in ISO 19011 The Guidelines for Auditing Management Systems.</p>
Summary of the verification activities	<p>The activities undertaken during the verification process are summarized below:</p> <ul style="list-style-type: none"> • Review of media scan and development of Verification Plan. Areas identified as higher risk either in the media scan or based on the Verifier's knowledge of the site were given additional verification time in the schedule. • Prior to the verification, copies of the facility's self-assessments and supporting documentation were made available and were reviewed • An opening meeting was held including an overview presentation made by the facility, followed by a site tour. • Evidence was collected through interviews with facility and corporate personnel, review of documents and some observations. • The information collected was assessed against the criteria set out in the performance standards protocols. • As per MAC guidance, the number of worker interviews were based on the square root of the number of workers on site. 28 individuals were interviewed. Interviews included formal interviews with subject matter experts as well as informal interviews with workers. Interviews with workers included attendance at line-ups followed by conversations with selected workers with a view to achieving diverse representation as well as individual random interviews. Some interviews were scheduled to

	<p>follow-up on information provided by the subject matter experts. All interviews were conducted in a manner that allowed the interviewees to speak confidentially and comfortably with the Verifier.</p> <ul style="list-style-type: none"> • A representative sample of COIs were interviewed virtually after the site visit. COI were selected by the Verifier using the stakeholder list and included Indigenous communities, municipal representatives, nearby educational institutions and members of the Community Liaison Committee. • A debrief meeting was held daily and a closing meeting was held on the last day. • A verification report was produced.
Was a site visited conducted?	Yes
Did the facility provide advance notice of the verification to communities of interest?	Yes
Number and types of communities of interest interviewed to support the verification	3 local government officials, 1 representative of Indigenous organizations, 2 educational institution representatives
Has the facility developed an action plan to address gaps to achieve Level A or Yes on any TSM performance indicators?	Not Applicable

Summary of Findings

Criterion	Rating <i>C, B, A, AA or AAA (unless otherwise indicated)</i>	Comments
<p align="center">Biodiversity Conservation Management</p> <p>Interviews included: Lead Environment, Tailings and Water, Environmental Advisors</p> <p>Documents reviewed included: Sustainability Policy, Guidelines and Processes for Biodiversity Management, Canadian EMS Environmental Policy Statement, VBM Standard for Closure, New Employee Orientation Environmental Awareness 2025, Safety Talk: Natural Environment, Vale Supplier Newsletter – Biodiversity and its Essentiality for Life and Future of the Planet, Community Liaison Committee presentation March 2024, Open House Posters Jan 2024, Environmental Advisor Logical Progression (LP) Sheet, Environmental Manager LP Sheet, Environmental Training Matrix. Environmental Management System Manual Section Roles, Internal Audit of Biodiversity Dec 2024. EMS Internal Audit by WSP May 2025, Boreal Discovery Centre minutes, Biophysical Baseline and Species at Risk Study 2019, Inco Thompson Environmental Program Volume 1981, Birchtree Mine Environmental Impact Assessment July 1993, Shaft Site Environmental Baseline Study September 2011, IUCN Assessment, 2025 Sampling Requirements Reporting Schedule, Environmental Aspects Registry, Environmental Significant Environmental Aspects Poster, Boreal Woodland Caribou Conservation and Recovery Agreement, EEM Phase 7 Investigative Report 2022, EEM Phase 8 Biological Monitoring Study 2025, Decommissioning Plan Vale Ponds 5 & 6, Downstream Habitat Characterization 2023, Environmental Highlights Team Update August 2025, Management Review June 2025, Working around Fish Habitat procedure, Management of Migratory Birds and Habitat procedure, Management of Wildlife and Nuisance Animals procedure, 2024 Vale Integrated Report and ESG Databook</p>		
1. Corporate biodiversity conservation commitment, accountability, and communications	AAA	The Vale Sustainability policy includes a commitment to biodiversity. . The Canadian EMS Environmental Policy Statement and the Closure Standard also include commitments relevant to biodiversity. The policy is supported by the Guidelines and Processes for Biodiversity Management which includes the application of the mitigation hierarchy. The commitments in these documents are consistent with MAC Biodiversity Framework. Commitment has been communicated to employees and COI. .Responsibilities and resources have been assigned. An internal audit on biodiversity was conducted in 2024. Vale's commitment includes a stated ambition of no net loss. Vale actively partners with other organizations (e.g., Boreal Discovery Centre) and Vale personnel sit on these boards.
2. Biodiversity conservation planning and implementation	AAA	Baseline data is available with significant biodiversity aspects identified. The facility monitors biodiversity. Global and site-specific biodiversity objectives exist related to reduction of impacted land. The status is reported monthly as appropriate. Biodiversity

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		is integrated with business process and budgeting. An internal audit on biodiversity was conducted in 2024. The facility has made investments in research, specifically the Boreal Discovery Centre and is contributing to Manitoba's Caribou Recovery Strategy program.
3. Biodiversity conservation reporting	AA	<p>The facility reports on its biodiversity activities monthly to management as appropriate and to Vale corporate. Biodiversity information is included the Report to the Community The facility reports on biodiversity conservation to corporate, which is reported on an aggregate basis in the Vale Sustainability Report. The GRI data is externally verified.</p> <p>Vale Integrated Report 0c82cdc2-0eee-aa5f-1777-cddc02bd917d</p>

Criterion	Rating <i>C, B, A, AA or AAA (unless otherwise indicated)</i>	Comments
<p align="center">Climate Change</p> <p>Interviews included: Lead Environment, Tailings and Water, Health, Safety, Environment and Risk Manager, Process Superintendent Utilities and Chief Power Engineer</p> <p>Documents reviewed included: 2025 Base Metals Emissions spreadsheet, Sustainability Policy, Vale Integrated Report 2024, Credit 360 tracking of fuels and non-energy sources, GHG Thompson Calc for 2024. KPI Tracking, Climate Vulnerability Risk Assessment Project Kick-off Presentation, Management of GHG Procedure-Appendix 1- GHG Simplified Calculation Tool, HSE Evaluation for Capital Projects, Canada EMS Roles and Responsibilities procedure, Organizational Chart for HSER Department, Organizational Chart for Operational Services, Process Superintendent – Utilities Job Description, Operations Services Manager Job Description, Project Sustainability Plan (PSP) Indicator Tracking Sheet, Management Review June 2025, New Employee Orientation – Environmental Awareness 2025, Concentrator Building Steam Condensate Return to Utilities Cost Savings Analysis, Low emission burners FAR 354 specifications and installation pictures, Email and texts related to working with community on fire breaks, sprinklers etc. during wildfire – 2025, 2025 EMS Internal Audit, Environmental Team Update August 2025, Facebook Update re: Wildfires – City of Thompson, Manitoba Industrial Climate Change Action Program – List of Projects</p>		
1. Corporate climate change management	A	Data on Scope 1 and Scope 2 emissions are maintained. There is a demonstrated corporate climate change strategy documented in the Vale Integrated Report. Vale has a Chief Sustainability and Corporate Affairs Officer and a Board Sustainability Committee. Material climate-related risks are identified in the Vale Integrated Report.
2. Facility climate change management	AA	The Sustainability Policy commits to demonstrating leadership in low carbon mining. Significant sources of energy and non-energy sources are identified and data is collected and monitored. Job descriptions show clear roles and responsibilities. Operators have awareness of parameters influencing energy performance. A climate vulnerability and risk assessment has been completed. The wildfires of 2025, an indication of climate change had the facility collaborating with COI. The energy and GHG emissions management system has undergone an internal audit as part of the ISO 14001 Environmental Management System.

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3. Facility performance targets and reporting	A	Vale has set corporate targets for GHG reductions (33% by 2030) and for zero-net GHG emissions by 2050. There are also Thompson level forecast targets. The facility has demonstrated progress towards the performance targets, achieving the forecast targets in 2024 and YTD 2025. There are short-term actions implemented and long-terms actions identified and being developed. There is annual public reporting in the Vale Integrated Report. Information on the facility's assessment of potential climate impacts related to wildfires and forest breaks have been shared publicly.

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<p align="center">Crisis Management and Communications Planning (Indicate YES or NO)</p> <p>Interviews included: Superintendent Emergency Response and Crisis Management, Fire Rescue Advisor</p> <p>Documents reviewed included: Material Unwanted Event (MUE) Bowties and Material Unwanted Events Summary, FM (Insurance) Risk Report 2024, Tailings and Dams Emergency Response Plan, Environmental Emergency Response Plan, Wildfire Prevention procedure, Severity Matrix, Manitoba Operations Crisis Management Plan Parts 1 and 2, EMQnet Profile Packs, EMQnet Contact List including stakeholders and media, EMQnet Notification Tests, Manitoba Update Bulletin – Wildfire & Air Quality Update, Main Conference Room – Crisis Management posters, hardcopies, Manitoba Emergency Measures Organization Local Authority Emergency Program Guideline, Local Emergency Response Control Group (LERCG) membership and LERCG invitation to May 2025 meeting, Fire Protection Agreement with City of Thompson, BST Team Status Report, 023 Orica Explosives Plant table-top presentation, 2024 EMQnet LUIS Chronological Report Fire in Smelter South Yard – Dec 3, 2024, 2025 EMQnet LUIS Chronological Report – Actual Event Wildfire July 2025</p>		
1. Crisis Management and Communications Preparedness	YES	The Hazard Identification Risk Assessment (HIRA) identifies Material Unwanted Events (MUE) as credible threats. Emergency Response Plan details response. EMQnet is used to manage the crisis plan including roles and responsibilities. The contact list includes key stakeholders and media. Facility is a member of the Local Emergency Response Control Group and has a Fire Protection Agreement with the City of Thompson.
2. Review	YES	EMQnet acts as a document control system for crisis documents. The facility's plans are shared with corporate through EMQnet. The notification system was tested regularly. Records indicate crisis team members are familiarized with the plan within two months of joining the team.
3. Training	YES	Table top drills were conducted in August 2023 (Orica Explosives Plant) and December 2024 (Fire in Smelter South Yard) In 2025, the facility responded to an actual event (wildfire in July)

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<p align="center">Indigenous and Community Relationships</p> <p>Interviews included: Indigenous and Community Relations Specialist, Health, Safety, Environment and Risk Manager3 local government officials, 1 representative of Indigenous organizations, 2 educational institution representatives</p> <p>Documents reviewed included: Vale's Social Performance, Listening and Response Mechanism, Health, Safety, Environment, Community and Operational Event Management, Vale Thompson Stakeholders List, Vale Thompson Stakeholders Map, Thompson Citizen Newspaper Ad re: Community Liaison Committee (CLC) membership, CLC Terms of Reference, Open House 2025 pictures, Open House 2024 passport posters, Whistle Blower Channel, Sections of Vale- Nisichawayasik Cree Nation (NCN) Exploration Agreement, Sections of Vale- Nisichawayasik Cree Nation (NCN) Resource Development Agreement, CLC Terms of Reference, CLC Minutes March 19, 2024, CLC Survey 2024, Canadian Indigenous Relations Steering Committee August 2024 and Sept 2025, Meeting with NCN Council agenda and presentation April 2025, NCN Exploration Agreement Commitment Tracker, 2017-2018 Report to the Community (sections in Cree), Journey Together 2023-2024 Report to the Community, Socioeconomic Baseline Report for Tailings Facility by ERM June 2025, Wildfire Relief Vale Donation, NCN Wildfire Evacuation Support, Vale Integrated Report 2024, Job Description Specialist Indigenous Relations, Indigenous Foundations training, Stereotypes, Biases and Reconciliation Course, Cultural Proficiency and Indigenous Perspectives training Agenda, Request for Cultural Assistance for teepee raising, Community Concerns Line Response Protocol, National Day of Truth and Reconciliation 2025 webinar email, National Indigenous Peoples Day email re: activities at City Hall, MMIWG2S+ Monument dedication unveiling Program, Land Acknowledgement at start of Community Report, Community Concerns Hotline Poster</p>		
1. Community of Interest (COI) Identification	AA	Communities of Interest are identified and documented on the Stakeholder List. There is a documented process in place for COI identification and is described in corporate documents. The Community Liaison Committee (CLC) Terms of Reference provides guidance on how the facility identifies COI including under-represented groups. Recent ads in the local paper allow COI to self identify.
2. Effective COI Engagement and Dialogue	A	The facility provides assistance to ensure COI are able to participate including funding and travel reimbursement. Reporting on engagement and dialogue takes place at monthly Indigenous Steering Committee meetings. The CLC Terms of Reference the Nisichawayasihk Cree Nation Exploration Agreement and Resource Development Agreement documents the various engagement processes. English is the language of dialogue, however in the past parts of the Community Report are provided in Cree. Engagement, dialogue and culture awareness training is provided to key personnel including site leadership. The

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		community report includes information on the COI engagement.
3. Effective Indigenous Engagement and Dialogue	AAA	There is demonstrated senior management commitment to Indigenous engagement consistent with the TSM Frameworks as evidenced by the site engagement with the Indigenous community through a variety of groups and the development of agreements with the Nisichawayasihk Cree Nation. The facility works with these groups to identify opportunities for collaboration including on mutually identified objectives (e.g., job readiness training, employment, procurement). On-site activities include teepee raising and National Day of Truth and Reconciliation Employees are encouraged to participate in community Indigenous events. are integrated into business practices.
4. Community Impact and Benefit Management	A	Environmental impacts are identified through the Environmental Aspects process. Controls are in place to mitigate these impacts. Benefits are outlined in the agreements with the Nisichawayasihk Cree Nation. Vale contributes to a number of organizations to benefit a broad spectrum of the community. These contributions are noted in the Report to the Community.
5. COI Response Mechanism	AA	A Community Concerns Hotline is in place with a Response Protocol. Concerns from the hotline are followed-up and tracked. Vale proactively informs COI about the Hotline. A dispute mechanism is outlined in the agreements with Nisichawayasihk Cree Nation. The response mechanism is reviewed and a decision was made recently to switch to another platform for tracking.

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<p align="center">Preventing of Child and Forced Labour (Indicate YES or NO)</p> <p>Interviews included: Talent Acquisition Manager, Corporate Sustainability Analyst</p> <p>Documents Reviewed Included: Human Rights Policy, Principles of Conduct for Third Parties, Copper Mark – Joint Due Diligence Standard for Copper, Lead, Molybdenum, Nickel and Zinc, Vale Base Metals Standard for Responsible Sourcing of Minerals, Responsible Sourcing Policy Statement for Vale Canada Limited</p>		
1. Preventing Forced Labour	YES	<p>Vale's Human Rights Policy states, "Vale prohibits the use of any kind of employment practice that may be interpreted as equivalent to forced or modern slavery labour", and "Vale requires through contractual clauses, that its suppliers prohibit any type of employment practice that may be interpreted as equivalent to forced or modern slavery."</p> <p>Vale's Principles of Conduct for Third Parties states that Vale expects third parties to be familiar with Vale's Human Rights Policy and adopt standards in line, including the prohibition of modern slavery and forced labour.</p> <p>Vale Base Metals' Standard for Responsible Sourcing on Minerals requires an assessment of risk related for forced labour and the Responsible Sourcing Policy Statement for Vale Canada indicates forced labour will not be tolerated.</p> <p>Vale is registered to Copper Mark and supply chain related to forced labour has been audited.</p>

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2. Preventing Child Labour	YES	<p>Federal regulation prohibits children under the age of 17 from working in an underground mine. Various Provincial regulations (including Ontario, Manitoba and Newfoundland & Labrador) prohibit children under the age of 18 from working in an underground mine.</p> <p>Vale's Human Rights Policy states, "Vale prohibits the use child labour", and "Vale requires through contractual clauses, that its suppliers prohibit the use of slave labour."</p> <p>Vale's Principles of Conduct for Third Parties states that Vale expects third parties to be familiar with Vale's Human Rights Policy and adopt standards in line, including the prohibition of child labour.</p> <p>Vale Base Metals' Standard for Responsible Sourcing on Minerals requires an assessment of risk related for child labour and the Responsible Sourcing Policy Statement for Vale Canada indicates child labour will not be tolerated.</p> <p>Vale is registered to Copper Mark and supply chain related to child labour has been audited</p>

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<p align="center">Safety and Health</p> <p>Interviews included: Superintendent H&S, Safety Coordinator, Manager HSER, Supervisor L&D, Staff Training Advisor, Industrial Hygiene Coordinator, Industrial Hygiene Technologist, Telus Nurse</p> <p>Documents reviewed included: Sustainability Policy, Manitoba Health and Safety Policy, On-boarding HomeSafe presentation, OHSMS Summary Report 2025, 60 Second Toolbox Talks (e.g., Heat Stress, Explosives Handling, Suicide Prevention), Manitoba Bulletin – Temporary Stop Sign, Incident Investigation procedure, Daily Events Summary, Trending Injuries Report May 12-18, 2025, Mill Procedures, Standard Practice for Lock and Tag, Confined Space procedure, Material Unwanted Events listing, Risk Register & Mitigation, Accountabilities for Safety, Safety Facilitator Job Description, Superintendent Safety and Health Job Description, Mill JHSC Workplace Inspection Calendar, Concentrator HS&E Inspection Report, Critical Control Verification and Action, SLAM – 3600 Shop Hydraulic Lock and Brake Maintenance, Job Hazard Analysis – Moving Mobile Equipment with a Discharge Fire Suppression, Dashboard LIF and CCV target and status, HSR Deep Dive August 2025, Cority – Occupational Hygiene results, Occupational Exposure Monitoring Program (OEMP) T1 2025 Plan, OEMP T3 2025 Plan, OEMP Divisional Support 2025 Plan, OEMP Report T3 August, 2025 T3 Sampling Breakdown, Manitoba HSR 2024 Strategy, MB Ops TRIF Reduction Plan, Vale Education System (VES), Global Onboarding Logical Progression Sheet, Weekly Training Report, Logical Progression – Mine Beginner, John T. Ryan Award, 2024 and 2025 Manitoba HSR Plan, Monthly Performance Meeting- May 2025, Divisional Health and Safety Quarterly Review Meeting, Compliance Assessment November 2024, HeartSmart program, Mine for Minds, MB Update EFAP Hours, CIMM Benchmarking Report, Vale Integrated Report and Vale ESG Data Book, Vale Thompson Community Report: Journey Together 2023-2 024</p>		
1. Commitments and Accountability	AA	The Sustainability Policy defines the policy commitments. The commitments are consistent with the MAC Safety and Health Framework. The Policy has been communicated to employees and contractors. The HSER Manager is accountable for safety and health. An internal OHSMS audit was conducted in 2025.
2. Planning and Implementation	AA	A formal Safety and Health Management System is in place including documented safety standards and procedures, objectives, risk assessments, identification and verification of critical controls, workplace inspections, defined roles and responsibilities, and maintenance of records. The industrial hygiene program is overseen by a qualified hygienist. An internal OHSMS audit was conducted in 2025.
3. Training, Behaviour and Culture	AA	A documented and functional training system is in place. Senior leadership demonstrates a commitment and a safety-based culture is encouraged. Trainees are assessed for competency and trainers are qualified. The

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		facility promotes health and wellness with programs to support work mental health. The commitment to safety and health is visibly embedded and management demonstrated the commitment through one-on-one interactions.
4. Monitoring and Reporting	A	<p>Safety & health metrics are monitored and reported including leading and lagging indicators. Leadership regularly reviews performance. Safety information is communicated through the weekly Trending Injury Report. Safety and Health data is publicly reported in the Vale Integrated report.</p> <p>Vale Integrated Report 0c82cdc2-0eee-aa5f-1777-cddc02bd917d</p>
5. Performance	AA	Targets are set for leading and lagging indicators and performance is regularly reviewed and communicated. Facility benchmarks its performance against its peers.

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<p align="center">Tailings Management</p> <p>Interviews included: Responsible Tailings Facility Engineer</p> <p>Documents reviewed included: External Audit of the Tailings Management System Performance of Manitoba Operations in Thompson, Manitoba May 2024, Thompson OMS Manual</p>		
1. Tailings management policy and commitment	AAA	An External Audit of Tailings Management System Performance of Manitoba Operation was conducted in 2024 and included an evaluation of effectiveness. The external audit confirmed MAC requirements were met and that Vale has an effective Tailings Management System. The External Audit assessed Indicator 1 as AAA.
2. Assigned accountability for tailings management	AAA	An External Audit of Tailings Management System Performance of Manitoba Operation was conducted in 2024 and included an evaluation of effectiveness. The external audit confirmed MAC requirements were met and that Vale has an effective Tailings Management System. The External Audit assessed Indicator 2 as AAA.
3. Tailings management system and emergency preparedness	AAA	An External Audit of Tailings Management System Performance of Manitoba Operation was conducted in 2024 and included an evaluation of effectiveness. The external audit confirmed MAC requirements were met and that Vale has an effective Tailings Management System. The External Audit assessed Indicator 3 as AAA.
4. Operation, maintenance, and surveillance (OMS) Manual	AAA	An External Audit of Tailings Management System Performance of Manitoba Operation was conducted in 2024 and included an evaluation of effectiveness. The external audit confirmed MAC requirements were met and that Vale has an effective Tailings Management System. The External Audit assessed Indicator 4 as AAA.
5. Annual tailings management review	AAA	An External Audit of Tailings Management System Performance of Manitoba Operation was conducted in 2024 and included an evaluation of effectiveness. The external audit confirmed MAC requirements were met and that Vale has an effective Tailings Management System. The External Audit assessed Indicator 5 as AAA.

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<p align="center">Water Stewardship</p> <p>Interviews included: Lead Environment, Tailings and Water, Environmental Advisors</p> <p>Documents reviewed included: Sustainability Policy, Water and Water Resources Policy, Management of Water Resources and Effluents, Canadian EMS Environmental Policy Statement, Environmental Events and Nonconformities, New Employee Orientation – Environmental Awareness 2025 TSF OMS Manual, MDMER Emergency Response Plan, Internal Audit November 2024, Water Stewardship External Audit December 2024 and OFI Tracker, Management Review 2025, Water Balance, Perimeter Study – Drilling Site Map, Manitoba Government Water Management Strategy, Field Measurement of pH procedure, Effluent Sampling procedure, Flow Meter Calibration and Field Measurement procedure, Groundwater Sampling procedure, 2024 Environmental Monitoring Program Report, Effluent Tracking for Reporting spreadsheet, 2025 Water Intensity Tracker, Vale Manitoba Environmental Advisor Logical Progression sheet, Critical Control Verification Fuel Storage 378 Headframe, Sodium Hydroxide Treatment Trial Report, Area 5 Wier Low Flow Assessment 2020, Downstream Habitat Characterization Study 2023, EEM Phase 8 Report 2025, Summary of Environmental Activities presentation to Tataskweyak Cree Nation, KPI Dashboard, 2024 Vale Integrated Report and ESG Data Book</p>		
1. Water Governance	AAA	There is demonstrated senior management through the Sustainability Policy and the Water and Water Resources Policy, consistent with the MAC Water Stewardship Framework. The commitment is communicated through the Environmental Awareness presentation and presentations to the Community Liaison Committee. Roles and responsibilities are defined in the Management of Water and Water Resources document and the Environmental Advisor's job description. Risk are identified and integrated into business planning and budgeting. An internal audit was conducted in November 2024. An external audit was conducted in December 2024..

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2. Operational Water Management	AAA	<p>The site has identified facility-level risks related to surface water and ground water and critical controls identified. Processes are established to monitor water performance for both surface water and groundwater. Records of water quality and quantity are maintained. The facility has a site wide water balance that is reviewed regularly and includes potential variability from climate change. Response and contingency plans have been established for water related risks and incidents (Thompson MDMER ERP). Relevant employees and contractors have been provided with appropriate training. Water use reduction opportunities were identified and are being implemented resulting in a significant decrease in consumption. Control measures are being verified. An internal audit was conducted in November 2024. An external audit was conducted and opportunities for improvement are tracked.</p>
3. Watershed-scale Planning	AA	<p>Vale has identified watershed specifically the Burntwood River Watershed. The province has identified a larger watershed region, the Hudson Bay Draining Sub-Basin as part of tis Water Management Strategy. Relevant COI have been identified and the facility engages to with the COI through the CLC and meetings with Indigenous communities. Responsibility of water-shed planning is documented in the Water and Water Resources Policy.</p>
4. Water Reporting and Performance	AAA	<p>Vale's water performance target is documented on the Vale website. Public reporting of performance against target is included in the Vale Integrated report. The data in the Sustainability report was independently verified. The Thompson water reduction target has been met year-to-date. COI feedback on water reporting was actively sought.</p> <p>Vale Integrated Report 0c82cdc2-0eee-aa5f-1777-cddc02bd917d</p>

Statement of Verification

Statement of Verification	
The external verification was conducted in accordance with the <i>Terms of Reference for Verifiers</i> and, accordingly, consisted primarily of interviews, data analysis, and examination (on a sample basis) of other evidence relevant to management's assertion of conformance to the requirements of the TSM performance indicators.	<input checked="" type="checkbox"/> The external verification was conducted in accordance with the <i>TSM Verifier Terms of Reference</i> .
The scores indicated in this report are verified as being accurate based on the evidence reviewed during the external verification of this facility.	<input checked="" type="checkbox"/> The scores in this report are considered accurate based on this verification.
Limitations	Even though the information provided by the company was thoroughly reviewed, Rubinoff Environmental Inc. was required to rely on this information without being able to independently verify its accuracy.
Additional comments	Vale and Thompson Operations demonstrated a strong commitment to the MAC TSM program. Personnel were well prepared for the verification process. The self-assessments were comprehensive. Excellent, professional support was received throughout the verification.
Name of lead verifier	Dianne Rubinoff, P.Eng.
Date of statement of verification	26/09/2025
Signature of lead verifier	